

How to change front brake discs on Honda Insight ZE2_ZE3 – replacement guide

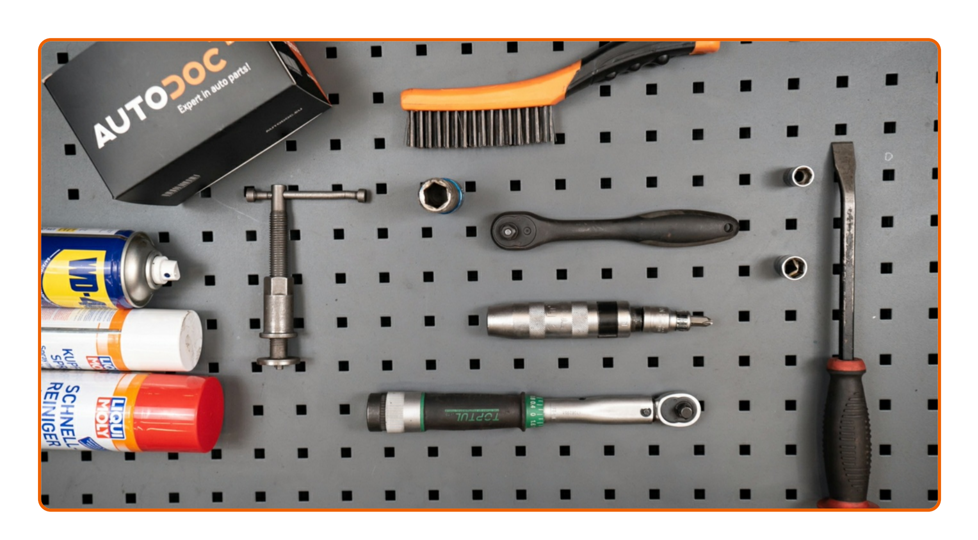
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
HONDA INSIGHT (ZE_) 1.3 Hybrid (ZE2), HONDA INSIGHT (ZE_) 1.3 Hybrid (ZE28, ZE2), HONDA JAZZ III (GE_, GG_, GP_, ZA_) 1.3 HYBRID (GP1)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – HONDA INSIGHT ZE2_ZE3. TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 12
- Drive socket # 19
- Wheel impact socket #19
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Impact screwdriver
- Phillips screwdriver
- Tap wrench
- Crow bar
- Wheel chock



Replacement: brake discs – Honda Insight ZE2_ZE3. Professionals recommend:

- Replace the brake disks on the car Honda Insight ZE2_ZE3 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – HONDA INSIGHT ZE2_ZE3. TAKE THE FOLLOWING STEPS:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3



Loosen the wheel mounting bolts. Use wheel impact socket #19.

4



Raise the front of the car and secure on supports.

5

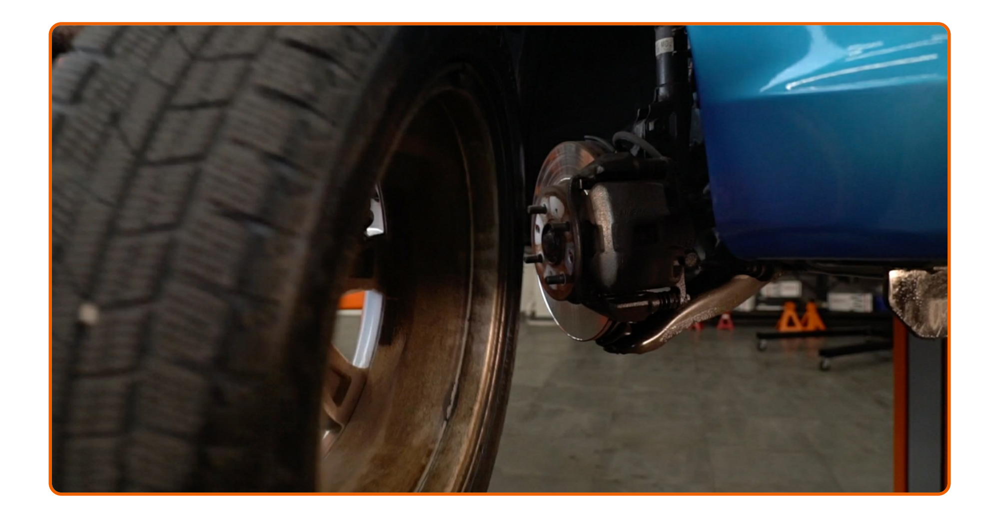


Unscrew the wheel bolts.

AUTODOC recommends:

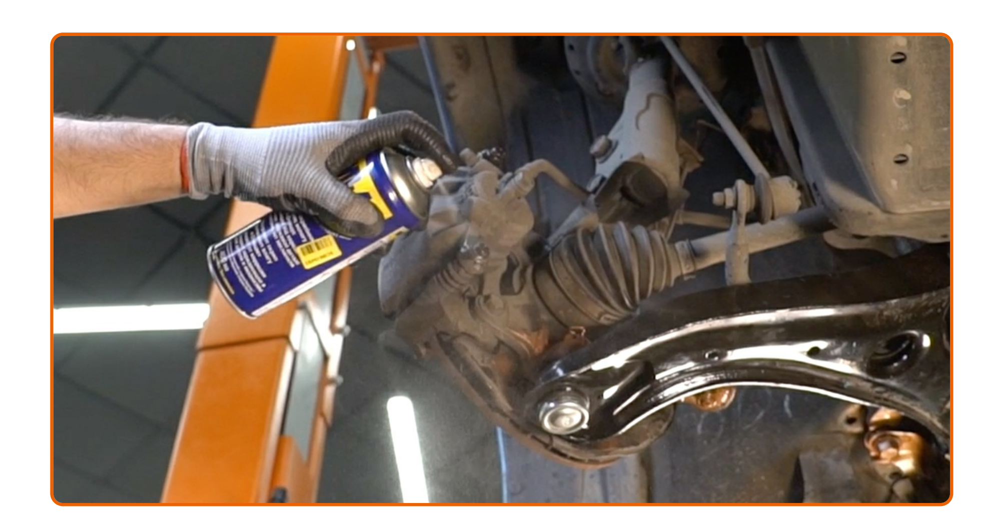
- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. Honda Insight ZE2_ZE3

6



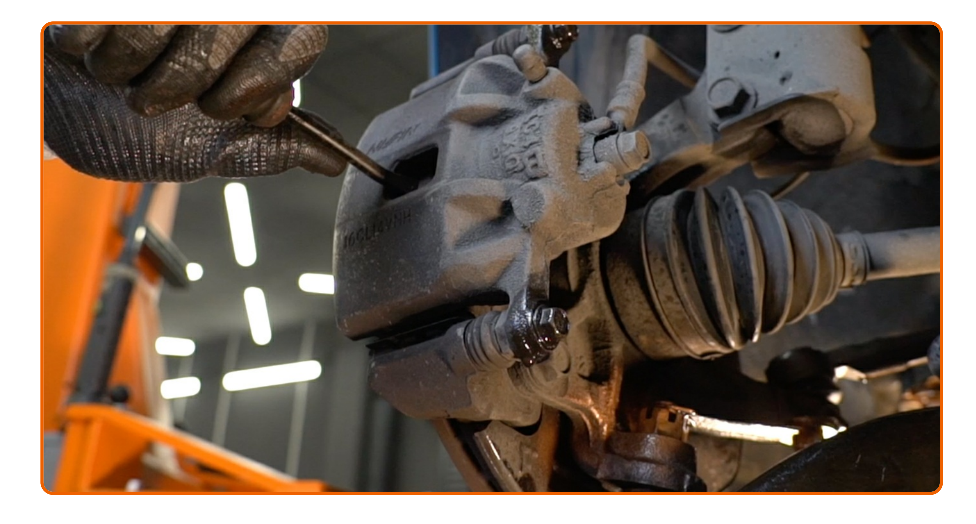
Remove the wheel.

7



Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8



Spread the brake pads. Use a crowbar.

9



Unscrew the brake caliper fastening. Use a drive socket #12. Use a ratchet wrench.

10



Remove the brake caliper.

Replacement: brake discs – Honda Insight ZE2_ZE3. AUTODOC recommends:

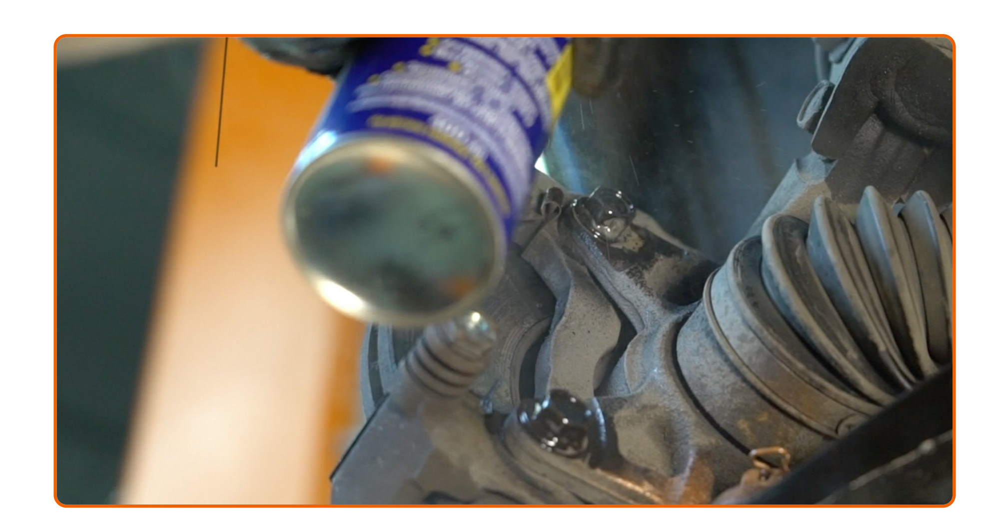
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11



Remove the brake pads. Use a crowbar.

12



Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

13



Unscrew the caliper bracket fastening. Use a drive socket #19. Use a tap wrench. Use a ratchet wrench.

14



Remove the caliper bracket.



15



Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

16



Unscrew the brake disc fastening. Use a Phillips screwdriver. Use an impact screwdriver.

17



Remove the brake disc.

18



Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

19



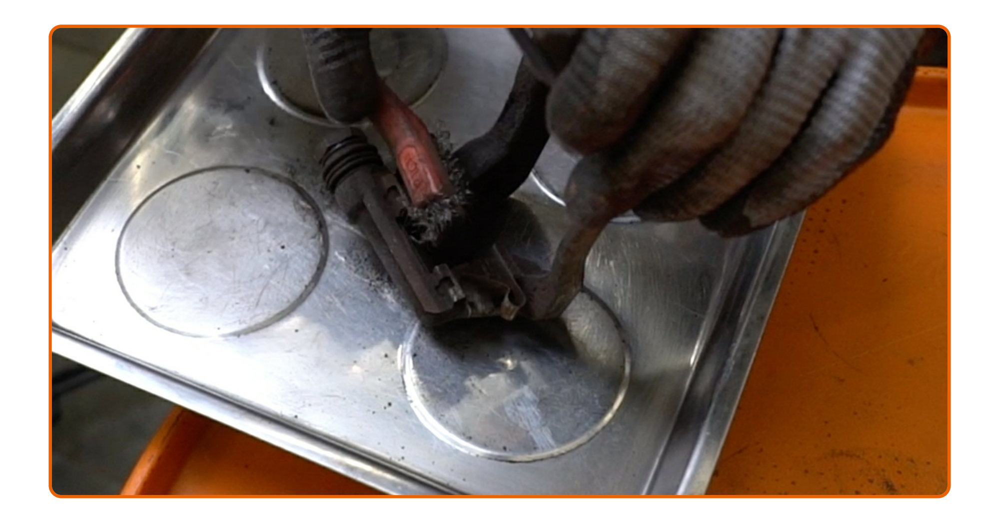
Install the brake disc.

20



Tighten the brake disc fastening. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 9 Nm torque.

21



Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

Replacement: brake discs – Honda Insight ZE2_ZE3. Tip:

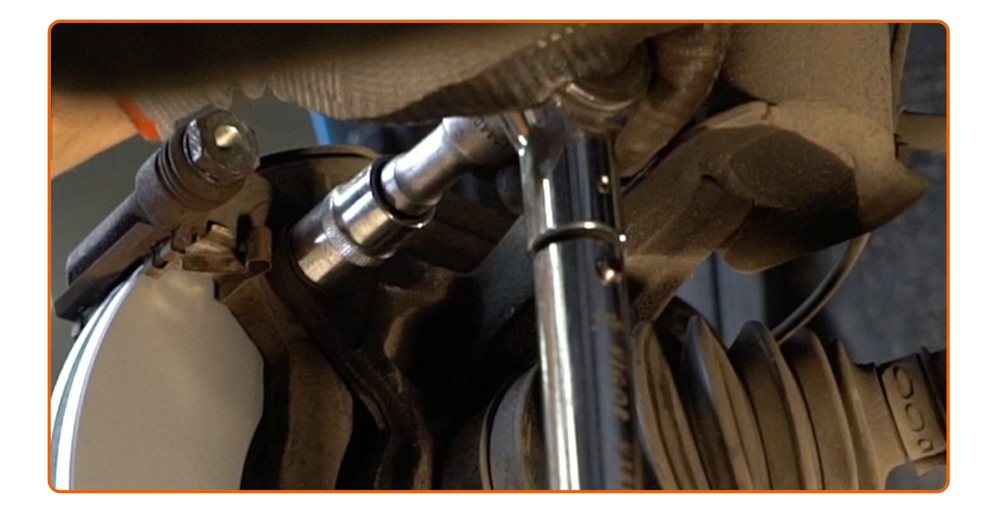
- After applying the spray, wait a few minutes.

22



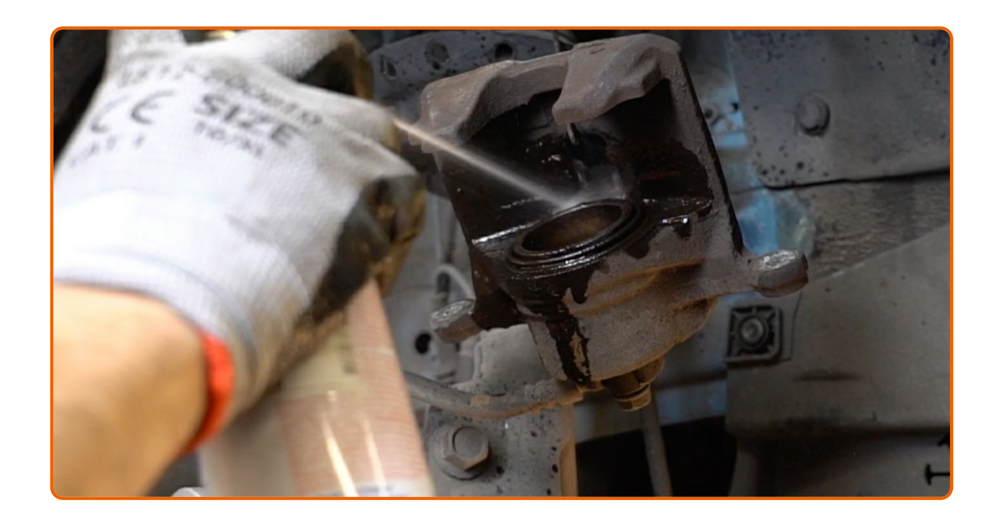
Install the brake caliper bracket.

23



Tighten the brake caliper bracket. Use a drive socket #19. Use a torque wrench. Tighten it to 70 Nm torque.

24



Treat the brake caliper piston. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake discs – Honda Insight ZE2_ZE3. After applying the spray, wait a few minutes.

25



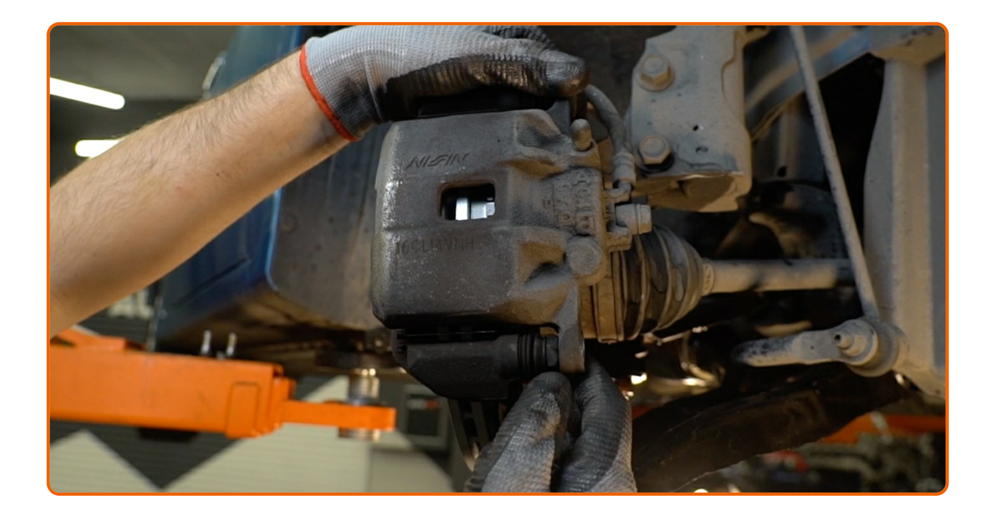
Press in the brake caliper piston. Use brake caliper wind back tool.

26



Install the brake pads.

27



Install the brake caliper and fix it. Use a drive socket #12. Use a torque wrench. Tighten it to 35 Nm torque.

28



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

29



Clean the brake disk surface. Use a brake cleaner.

Replacement: brake discs – Honda Insight ZE2_ZE3. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

30



Install the wheel.



Replacement: brake discs – Honda Insight ZE2_ZE3. Tip:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

31



Screw in the wheel bolts. Use wheel impact socket #19.

32



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #19. Use a torque wrench. Tighten it to 125 Nm torque.

33



Remove the jacks and chocks.

Replacement: brake discs – Honda Insight ZE2_ZE3. Tip from AUTODOC experts:

- Check the brake fluid level in the expansion tank and refill if necessary.

34



Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- Honda Insight ZE2_ZE3 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

35



Close the hood.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

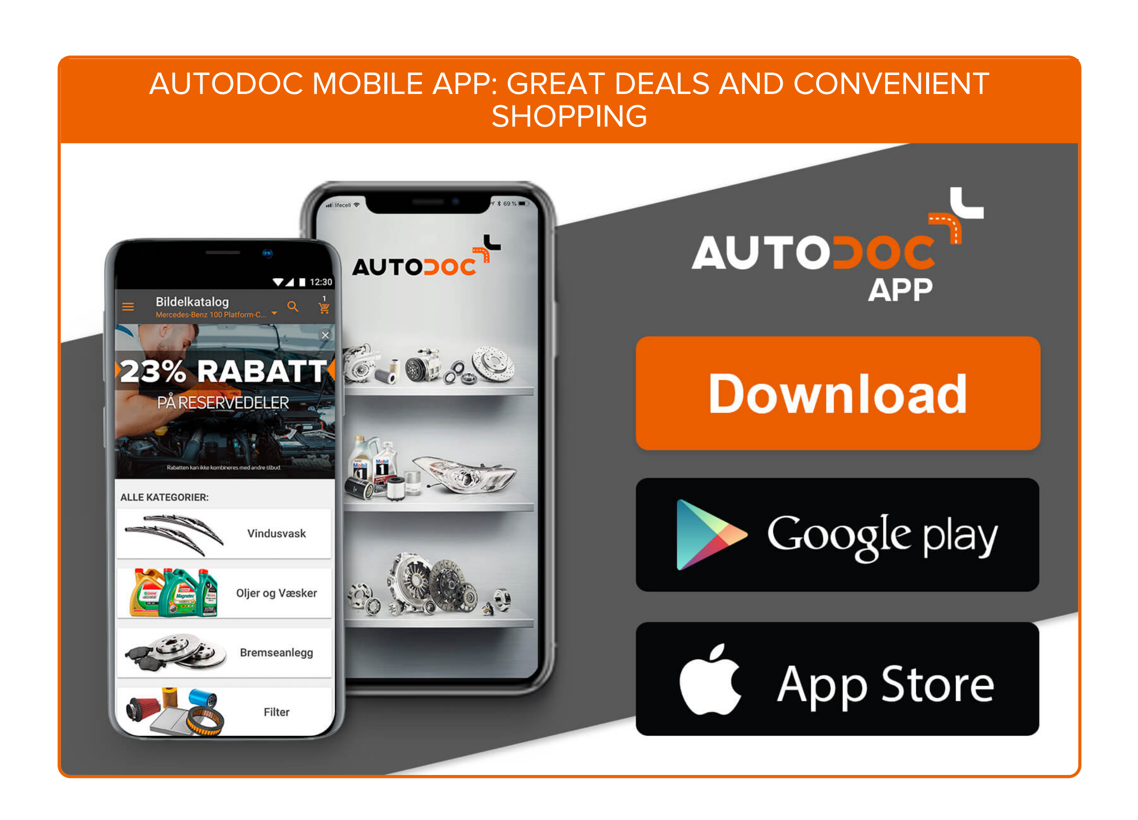


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